

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006196**Date Inspected:** 04-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai ,China**CWI Name:** Li Yan Hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Assembly**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector was present during the times noted above for observations relative to the work being performed.

BAY 13
Segment 1BW

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 4G position of the lifting lugs at panel point 11. The welder is identified as #037748. The weld designation is SSD046-PP11-242. ZPMC QC is identified as Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-P-2214-T2-U4c-FCM.

Shielded Metal Arc Welding (SMAW) in the 4G position of the deck plate to corner assembly weld splice. The welder is identified as #067752. The weld designation is SEG005A-001. ZPMC QC is identified as Mr. Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-P-2214-B-U2-FCM.

Shielded Metal Arc Welding (SMAW) in the 4G position of the floor beam components. The welder is identified as #044779. The weld designation is SSD46A-PP11-128. ZPMC QC is identified as Mr. Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-P-2214-Tc-U4b-U2.

Segment 2AW

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Flux Cored Arc Welding (FCAW) in the 2G position of the Corner assembly components. The welder is identified as #066482. The weld designation is SEG07G-002~003. ZPMC QC is identified as Mr. Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-T-2132.

Shielded Metal Arc Welding (SMAW) in the 4G position of the corner assembly components. The welder is identified as #067665. The weld designation is SEG07A-044. ZPMC QC is identified as Mr. Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-P-2214-Tc-U4b-FCM.

Shielded Metal Arc Welding (SMAW) in the 4G position of the corner assembly components. The welder is identified as #054013. The weld designation is CA099-089~094. ZPMC QC is identified as Mr. Zhang Xian Ji. The welding variables recorded by QC appeared to comply with WPS-B-P-2113-FCM.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Patterson,Rodney	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
